training of personnel as energy managers, demonstration programmes in rectification of inefficient agricultural pumpsets, modification of standards governing electrical applianaces, preparation of suitable designs for new buildings, replacement of incandescent lamps by energy efficient lights, exhibiting do's and don'ts for energy conservation in office premises, launching of a multi-media public awareness campaign, etc.

**Steps to Meet Power Demand**

542. SHRI PARVATHANENI UPPENDRA: Will the Minister of ENERGY be pleased to state:

(a) what is the additional MW capacity of power anticipated in the Eight Five Year Plan;

(b) whether the power programme is likely to be affected due to various constraints like want of environmental clearances and resources; and

(c) if so, what steps are being taken to overcome these constraints?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALPNATH RAI): (a) According to the latest assessment a generating capacity addition of around 38,000 MW could be tentatively anticipated to be commissioned during the Eighth Five Year Plan.

(b) Yes. Sir.

(c) Various steps taken/being taken in this regard include interaction with the Ministry of Environment and Forests and project authorities and the setting up of a Coordination Committee in the Deptt. of Power for expediting clearance of power projects from forest and environmental angles. External assistance is also proposed to be availed of to supplement the available domestic resources.

**Impact of the coal price increase**

543. SHRI PARVATHANENI UPPENDRA: Will the Minister of ENERGY be pleased to state:

(a) whether the recent coal price increase has had an adverse impact on the industrial sector and several representations have been received from the trade and industry to reconsider the same; and

(b) if so, whether Government have taken a decision to reduce the price?

THE MINISTER OF STATE IN THE DEPARTMENT OF COAL' IN THE MINISTRY OF ENERGY (SHRI C.K. JAFFAR SHARIEF): (a) and (b) Some Associations/Federations etc. of the coal consumers have represented against the hike in coal prices. As the prices of coal were revised after due consideration of the subject in all its aspects, it has not been possible to accede to their requests.

**Private sector participation**

544. SHRI PARVATHANENI UPPENDRA: Will the Minister of ENERGY be pleased to state.:

(a) whether a recent conference of Power Ministers of States with the Minister for ENERGY has recommended the participation of private sector in power generation; and

(b) if so, what are the details of the proposal and the response from the private sector to this proposal?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALPNATH RAI): (a) and (b) The conference of the Power Ministers of the States held at New Delhi in January, 1989 recommended, *inter alia*, that the private sector participation should be encouraged, if it brings in additonality of available funds.

The question of facilitating participation of the private sector in power generation is receiving attention. The necessary

modalities in this regard are also being examined.

**Scope of French Investment in India**

545. SHRI PARVATHANENI UP-ENDRA: Will the Minister of INDUSTRY be pleased to state:

(a) whether there is considerable scope in increasing the French investment in India; and

(b) if so, what are the areas where French Investment can be obtained and

i the steps taken by Government to promote joint ventures of the two countries?

THE MINISTER OF STATE IN THE DEPARTMENT OF INDUSTRIAL DE VELOPMENT IN THE MINISTRY OF INDUSTRY (SHRI M. ARUNACHALAM): (a) Yes Sir.

(b) The areas identified for possible joint collaboration and investment between French and Indian firms include:

— Pollution Control equipment.
— Alternative sources of energy.
— Electronics and Data processing.
— Food processing and preparation machinery
— Opthalmic glass.
— Petro-chemicals.
— Pharmaceuticals.
— Process Control systems.
— Telecommunication .

Government have already taken a number of steps to liberalise policies and procedures with a view to promote investment and joint ventures with all countries, including France. During the last meeting of the Indo-French Joint Committee for Econanuc and Technical cooperation, held on 30th & 31st January, 1989, it was agreed to intensify interaction between various French partners and the concerned Indian Authorities regarding investment matters.



**Compensatkm to the State Electricity Boards**

546. DR. YELAMANCHILI SIVA-JI: Will the Minister of ENERGY be pleased to state:

(a) what is the estimated financial impact of the rise in the administrative price of coal on the State Electricity Boards during the period 1985 to 1989 yearwise; and

(b) whether there is any proposal to compensate the State Electricity Boards to the extent of their additon-al expenditure in this regard and if not what are the reasons therefor?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALPNATH RAl): (a) The yearwise additional financial burden on the State Electricity Boards due to revisions in coal prices during the period 1985 to 1989, is estimated as follows:—

| | (Rupees in Crores) |
|---|---|
| 1985-86 | 32.29 |
| 1986-87 | 140.13 |
| 1987-88 | 231.47 |
| 1988-89 | 448.57 |

(b) There is no proposal to specifically compensate the Electricity Boards for the increase in coal prices. The State Electricity Boards are autonomous organisations and are expected to provide for the cost of coal etc. through the operation of fuel adjustment charges and through the formulation of appropriate tariff structures.

**Installed capacity of power generation**

547. DR. YELAMANCHILI SIVA-Jl: Will the Minister of ENERGY be pleased to state:

(a) the state and Union Territory-wise installed capacity of power gener-